AUTHOR INDEX FOR VOLUMES 141–160

ADKINS, WILLIAM A.: Normal Matrices Over Hermitian Discrete Valuation Rings, **157**:165

AGHA, NADER and HERSHKOWITZ, DANIEL: The Relation between the Height and Level Characteristics for a Matrix with Simple Singular Vertices, **142**:113

AJUPOV, SH.A., IOCHUM, B., and YADGOROV, N.DZ.: Symmetry versus Facial Homogeneity for Self-Dual Cones, **142**:83

AKAR, NAIL: *See* Özguler, A. Bülent: **144**:85

AL-ZAID, HASSAN: *See* Singh, Surjeet: **157**:185

AMMAR, GREGORY and MEHRMANN, VOLKER: On Hamiltonian and Symplectic Hessenberg Forms, **149**:55

ANDO, T. and OKUBO K.: Induced Norms of the Schur Multiplier Operator, **147**:181

ANSTREICHER, KURT M.: On Monotonicity in the Scaled Potential Algorithm for Linear Programming, **152**:223

APITZSCH, W., FRITZSCHE, B., and KIRSTEIN, B.: A. Schur Analysis Approach to Minimum Distance Problems, **141**:105

ARASU, K.T., HAEMERS, WILLEM H., JUNGNICKEL, DIETER, and POTT, ALEXANDER: Matrix Constructions of Divisible Designs, **153**:123

ARTZROUNI, MARC: On the Growth of Infinite Products of Slowly Varying Primitive Matrices, **145**:33

ASHBAUGH, MARK, S. and BENGURIA, RAFAEL D.: ADDENDUM: Some Eigenvalue Inequalities for a Class of Jacobi Matrices, **149**:277

AU-YEUNG, YIK-HOI and CHENG, CHE-MAN: Permutation Matrices Whose Convex Combinations Are Orthostochastic, **150**:243

BAEZA, V., RODOLFO: On Nuclear Bernstein Algebras, **142**:19

BAKONYI, MIHAI and CONSTANTINESCU, TIBERIU: Inheritance Principles for Chordal Graphs, **148**:125

BAKSALARY, JERZY K. and MITRA, SUJIT KUMAR: Left-Star and Right-Star Partial Orderings, **149**:73

BAKSALARY, JERZY K. and PUKELSHEIM, FRIEDRICH: On the Löwner, Minus, and Star Partial Orderings of Nonnegative Definite Matrices and Their Squares, **151**:135

BAKSALARY, JERZY K. and PUNTANEN, SIMO: Spectrum and Trace Invariance Criterion and Its Statistical Applications, **142**:121

BAKSALARY, JERZY K. and TRENKLER, GÖTZ: Nonnegative and Positive Definiteness of Matrices Modified by Two Matrices of Rank One, **151**:169

BAKSALARY, JERZY K., SCHIPP, BERNHARD, AND TRENKLER, GÖTZ: Some Further Results on Hermitian-Matrix Inequalities, **160**:119

BALL, JOSEPH A. and RAKOWSKI, MAREK: Null-Pole Subspaces of Nonregular Rational Matrix Functions, **159**:81

BAPAT, R.B.: An Interlacing Theorem for Tridiagonal Matrices, **150**:331

BAPAT, R.B.: Majorization and Singular Values. III, **145**:59

BAPAT, R.B.: *See* Prasad, K. Manjunatha: **146**:31

BAPAT, R.B. and LAL, A.K.: Path-Positive Graphs, **149**:125

BARKER, GEORGE PHILLIP: Automorphisms of Triangular Matrices Over Graphs, **160**:63

BARRAA, MOHAMED and CHARLES, BERNARD: Sous-espaces Invariants d'un Opérateur Nilpotent sur un Espace de Banach, **153**:177

BARRETT, WAYNE, ROBINSON, DONALD, and HERSHKOWITZ, DANIEL: REPORT: Inaugural Conference of the International Linear Algebra Society, 12–15 August 1989, Brigham Young University, Provo, Utah, USA, **150**:463

BART, H. and THIJSSE, G.PH.A.: Similarity Invariants for Pairs of Upper Triangular Toeplitz Matrices, **147**:17

BART, H. and WIMMER, H.K.: Simultaneous Reduction to Triangular and Companion Forms of Pairs of Matrices: The Case rank $(I - AZ) = 1$, **150**:443

Be'ery, Yair: *See* Vardy, Alexander: **142**:237

Beasley, LeRoy B. and Pullman, Norman J.: Linear Operators Preserving Idempotent Matrices Over Fields, **146**:7

Beasley, LeRoy and Pullman, N.J.: Linear Operators Strongly Preserving Idempotent Matrices Over Semirings, **160**:217

Bell, F.K.: On the Maximal Index of Connected Graphs, **144**:135

Ben-Artzi, Asher, Djoković, Dragomir Ž., and Rodman, Lieba: Totally Isotropic Subspaces for Pairs of Hermitian Forms and Applications to Riccati Equations, **159**:121

Benguria, Rafael D.: *See* Ashbaugh, Mark S.: **149**:277

Berenstein, Carlos A. and Struppa, Daniele C.: Recent Improvements in the Complexity of the Effective *Nullstellensatz*, **157**:203

Bevilacqua, Roberto: *See* Rózsa, Pál

Bevis, Jean H. and Hall, Frank J.: Integer *LU*-Factorizations, **150**:267

Bhat, B.V. Rajarama: On Greatest Common Divisor Matrices and Their Applications, **158**:77

Bhatia, R., Elsner, L., and Krause, G.: Bounds for the Variation of the Roots of a Polynomial and the Eigenvalues of a Matrix, **142**:195

Bhatia, Rajendra: Review of *Matrix Perturbation Theory* by G.W. Stewart and Jiguang Sun, **160**:255

Bhatia, Rajendra, Horn, Roger A., and Kittaneh, Fuad: Normal Approximants to Binormal Operators, **147**:169

Bhaya, Amit, Kaskurewicz, Eugenius, and Mota, Francisco: Asynchronous Block-Iterative Methods for Almost Linear Equations, **154–156**:487

Bierlaire, M., Toint, Ph.L., and Tuyttens, D.: On Iterative Algorithms for Linear Least Squares Problems With Bound Constraints, **143**:111

Binding, Paul and Li, Chi-Kwong: Joint Ranges of Hermitian Matrices and Simultaneous Diagonalization, **151**:157

Boggs, Paul T.: *See* Domich, Paul D.: **152**:315

Bognár, János: A Spectral-Radius Formula for Symmetric Operators in Finite-Dimensional Krein Spaces, **147**:3

Boros, T., Rózsa, P., Mironovskij, L. and Mihajlov, N.: A Uniform Algorithm for the Transformation of Multivariable Systems Into Canonical Forms, **147**:441

Bouchet, A. and Duchamp, A.: Representability of Δ-Matroids Over GF(2), **146**:67

Brewer, James and Klingler, Lee: On the Pole-Shifting Problem for Non-commutative Rings, **157**:147

Brewer, James and Klingler, Lee: The Ring of Integer-Valued Polynomials of a Semilocal Principal-Ideal Domaim, **157**:141

Brockett, R.W.: Dynamical Systems That Sort Lists, Diagonalize Matrices, and Solve Linear Programming Problems, **146**:79

Broyden, C.G.: On Degeneracy in Linear Complementarity Problems, **143**:99

Bru, Rafael, Rodman, Leiba, and Schneider, Hans: Extensions of Jordan Bases for Invariant Subspaces of a Matrix, **150**:209

Bru, Rafael: *See* Johnson, Charles R.: **141**:227

Brualdi, R.A. and Csima, J.: Small Matrices of Large Dimension, **150**:227

Buffoni, Giuseppe: On the Inverse of a Matrix With Positive Definite Symmetric Component, **159**:1

Bunse-Gerstner, Angelika and Elsner, Ludwig: Schur Parameter Pencils for the Solution of the Unitary Eigenproblem, **154–156**:741

Butkovič, P. and Cuninghame-Green, R.A.: On the Regularity of Matrices in *min* Algebra, **145**:127

Cabral, Isabel and Silva, Fernando C.: Unified Theorems on Completions of Matrix Pencils, **159**:43

Cain, Bryan E. and De Sá, E. Marques: The Inertia of Certain Hermitian Skew-Triangular Block Matrices, **160**:75

CAMPBELL, JAMES T. and TROUY, ELIZABETH C.: When Are Two Elements of GL(2, $\mathbb{Z}$) Similar?, **157**:175

CARSTENSEN, C.: Linear Construction of Companion Matrices, **149**:191

CENSOR, YAIR, and ZENIOS, STAVROS A.: Interval-Constrained Matrix Balancing, **150**:393

CHAN, RAYMOND, H., JIN, XIAO-QING, and YEUNG, MAN-CHUNG: The Circulant Operator in the Banach Algebra of Matrices, **149**:41

CHARLES, BERNARD: *See* Barraa, Mohamed

CHEN, C.W.: *See* Lin, Wen-Wei: **146**:49

CHEN, YING: Notes on F_0-Matrices, **142**:167

CHENG, CHE-MAN: *See* Au-Yeung, Yik-Hoi

CSIMA, J.: *See* Brualdi, R.A.: **150**:227

CHILLAG, DAVID: Nonnegative Matrices, Brauer Characters, Normal Subsets, and Powers of Representation Modules, **157**:69

CHING, LI, and JI-CHENG, CHEN: On a Bound for the Hadamard Product of an *M*-Matrix and Its Inverse, **144**:171

CHU, MOODY, T.: A Continuous Jacobi-like Approach to the Simultaneous Reduction of Real Matrices, **147**:75

CHUAN, WAI-FONG: Matrices Originating From Certain Difference Equations, **148**:27

CHUN, J. and KAILATH, T.: Displacement Structure for Hankel, Vandermonde, and Related (Derived) Matrices, **151**:199

CHUN-HUA, GUO: Some Results on Sparse Block Factorization Iterative Methods, **145**:187

COHEN, NIR and LEWKOWICZ, IZCHAK: Bounds for Singular Values Based on the Eigenvectors, **149**:227

CONSTANTINESCU, TIBERIU: *See* Bakonyi, Mihai: **148**:125

CONTE, GIUSEPPE: *See* Wyman, Bostwick F.: **157**:113

CORACH, G., PORTA, H., and RECHT, L.: An Operator Inequality, **142**:153

COSTA, R.: On Train Algebras of Rank 3, **148**:1

COXSON, PAMELA G.: Review of *Nonnegative Matrices in Dynamic Systems* by A. Berman, M. Neumann, and R.J. Stern, **153**:225

CRUZ, RICARDO, N.: Linear and Lipschitz Similarity, **151**:17

CUNINGHAME-GREEN, R.A.: *See* Butkovič, P.: **145**:127

DA SILVA, J.A. DIAS and HAMIDOUNE, YAHYA OULD: A Note on the Minimal Polynomial of the Kronecker Sum of Two Linear Operators, **141**:283

DANCIS, JEROME: Invertible Completions of Band Matrices, **150**:125

DANCIS, JEROME: The Optimal ω Is Not Best for the SOR Iteration Method, **154-156**:819

DATTA, BISWA NATH and SAAD, YOUCEF: Arnoldi Methods for Large Sylvester-Like Observer Matrix Equations, and an Associated Algorithm for Partial Spectrum Assignment, **154-156**:225

DATTA, K.B.: Invertibility of Linear Systems Described by Differential-Difference Equations, **151**:57

DAX, ACHIYA: A Row Relaxation Method for Large l_1 Problems, **154-156**:793

DAY, JANE, M.: BOOK REVIEW: Review of *A Comprehensive Introduction to Linear Algebra*, by Joel G. Broida and S. Gill Williamson, **149**:273

DE BOOR, CARL: REPORT: An Alternative Approach to (the Teaching of) Ranks, Basis, and Dimension, **146**:221

DE LA PEÑA, J.A. and TAKANE, M.: The Spectral Radius of the Galois Covering of a Finite Graph, **160**:175

DE MOOR, BART and ZHA, HONGYUAN: A Tree of Generalizations of the Ordinary Singular Value Decomposition, **147**:469

DE PIERRO, ALVARO R. and IUSEM, ALFREDO N.: On the Convergence of SOR- and JOR-Type Methods for Convex Linear Complementarity Problems, **154-156**:601

DE PILLIS, J.: A Parallelizable SOR-Like Method: Systems With Plus-Shaped and Linear Spectra, **154-156**:551

DE SÁ, EDUARDO MARQUES and SODUPE, MARIA JOSÉ: Generalized Singular Val-

ues, Interlacing Inequalities, and Monotonic Norms, **148**:179

DE SÁ, E. MARQUES: *See* Cain, Bryan E.: **160**:75

DEGUANG, HAN and LIMAYE, BALMOHAN, V.: On a Spectral Characterization of Rank One Matrices, **143**:1

DEHGHAN, M.A. and RADJABALIPOUR, M.: Matrix Algebras and Radjivi's Trace Condition, **148**:19

DEIF, A.S.: Singular Values of an Interval Matrix, **151**:125

DEN HERTOG, D., ROOS, C., and TERLAKY, T.: A Potential-Reduction Variant of Renegar's Short-Step Path-Following Method for Linear Programming, **152**:43

DEREN, WANG: On the Convergence of the Parallel Multisplitting AOR Algorithm, **154–156**:473

DIXON, J.D., POLAND, J.C., PRESSMAN, I.S., and RIBES, L.: The Shuffle Algorithm and Jordan Blocks, **142**:159

DJOKOVIČ, DRAGOMIR Ž.: *See* Ben-Artzi, Asher: **159**:121

DLAB, VLASTIMIL and RINGEL, CLAUS MICHAEL: Canonical Forms of Pairs of Complex Matrices, **147**:387

DOKOVIĆ, DRAGOMIR Ž.: Cyclic Polygons, Roots of Polynomials with Decreasing Nonnegative Coefficients, and Eigenvalues of Stochastic Matrices, **142**:173

DOMICH, PAUL D., BOGGS, PAUL T., ROGERS, JANET E., and WITZGALL, CHRISTOPH: Optimizing Over Three-Dimensional Subspaces in an Interior-Point Method for Linear Programming, **152**:315

DRURY, S.W.: Several Graded Contractions on Hilbert Space, **142**:23

DUCHAMP, A.: *See* Bouchet, A.: **146**:67

DUCHAMP, ALAIN: Delta Matroids Whose Fundamental Graphs Are Bipartite, **160**:99

EDELMAN, ALAN: The Distribution and Moments of the Smallest Eigenvalue of a Random Matrix of Wishart Type, **159**:55

EIJKHOUT, VICTOR: Analysis of Parallel Incomplete Point Factorizations, **154–156**:723

ELLERS, ERICH W. and MALZAN, JERRY: Products of λ-Transvections in Sp(2n, q), **146**:121

ELSNER, L., NEUMANN, M., and VEMMER, B.: The Effect of the Number of Processors on the Convergence of the Parallel Block Jacobi Method, **154–156**:313

ELSNER, L.: *See* Bhatia, R.: **142**:195

ELSNER, L.: *See* Watkins, D.S.: **143**:19

ELSNER, LUDWIG: *See* Bunse-Gerstner, Angelika: **154–156**:741

EMRE, EROL, TAI, HENG-MING, and SEO, JIN H.: Transfer Matrices, Realization, and Control of Continuous-Time Linear Time-Varying Systems via Polynomial Fractional Representations, **141**:79

ESTES, DENNIS R.: Factorization in Hereditary Orders, **157**:161

FARID, F.O. and LANCASTER, P.: Spectral properties of Diagonally Dominant Infinite Matrices. II., **143**:7

FAVATI, PAOLA: *See* Rózsa, Pál: **150**:287

FENG, JIANG and RONG-FU, ZHOU: An Error Bound on the AOR Method for Solving Linear Systems, **158**:61

FIEDLER, MIROSLAV: Expressing a Polynomial as the Characteristic Polynomial of a Symmetric Matrix, **141**:265

FIEDLER, MIROSLAV: Pencils of Real Symmetric Matrices and Real Algebraic Curves, **141**:53

FREUND, ROBERT M.: Theoretical Efficiency of a Shifted-Barrier-Function Algorithm for Linear Programming, **152**:19

FREUND, ROLAND: On Polynomial Preconditioning and Asymptotic Convergence Factors for Indefinite Hermitian Matrices, **154–156**:259

FRIEDLAND, SCHMUEL: Revisiting Matrix Squaring, **154–156**:59

FRIEDLAND, SHMUEL: Pairs of Matrices Which Do Not Admit a Complementary Triangular Form, **150**:119

FRIEDLAND, SHMUEL: A Note on a Determinantal Inequality, **141**:221

FRIEDLAND, SHMUEL: Quadratic Forms and the Graph Isomorphism Problem, **150**:423

FRITZSCHE, B.: *See* Apitzsch, W.: **141**:105

FUHRMANN, P.A.: A Polynomial Approach to Hankel Norm and Balanced Approximations, **146**:133

FUJII, MASATOSHI, FURUTA, TAKAYUKI, and KAMEI, EIZABURO: Operator Functions Associated With Furuta's Inequality, **149**:91

FULLER, K.R., NICHOLSON, W.K., and WATTERS, J.F.: Universally Reflexive Algebras, **157**:195

FURUTA, TAKAYUKI: *See* Fujii, Masatoshi: **149**:91

GAŁKOWSKI, KRZYSZTOF: An *a Priori* Nonminimal State-Space Realization of n-D Systems, **151**:185

GATTAZZO, REMO: Polynomial Matrices With Given Determinant, **144**:107

GAY, DAVID M.: Massive Memory Buys Little Speed for Complete, In-Core Sparse Cholesky Factorizations on Some Scalar Computers, **152**:291

GOHBERG, I., KAASHOEK, M.A. and WOERDEMAN, H.J.: A Note on Extensions of Band Matrices With Maximal and Submaximal Invertible Blocks, **150**:157

GONZALEZ, RAUL ERNESTO and HARTFIEL, D.J.: On the Structure of the Stochastic Idempotent Matrix Space, **145**:141

GOUVEIA, M.C. and PUYSTJENS, R.: About the Group Inverse and Moore-Penrose Inverse of a Product, **150**:361

GRASSELLI, OSVALDO MARIA and LONGHI, SAURO: The Geometric Approach for Linear Periodic Discrete-Time Systems, **158**:27

GRAVES-MORRIS, P.R. and JOHNSON, C.R.: Confluent Hermitian Cauchy Matrices Are Diagonally Signed, **142**:129

GRONE, BOB and PIERCE, STEVE: Extremal Positive Semidefinite Doubly Stochastic Matrices, **150**:107

GRONE, ROBERT: On the Geometry and Laplacian of a Graph, **150**:167

GRONE, ROBERT, PIERCE, STEPHEN, and WATKINS, WILLIAM: Extremal Correlations Matrices, Volume 134, p. 63

GUNAWARDENA, ANANDA D., JAIN, S.K., and SNYDER, LARRY: Modified Iterative Methods for Consistent Linear Systems, **154–156**:123

GURALNICK, ROBERT M.: Similarity of Matrices Over Commutative Rings, **157**:55

GUSTAFSON, WILLIAM H.: Modules and Matrices, **157**:3

GUTMAN, SHAUL: *See* Paldi, Eytan: **149**:151

HADJIDIMOS, A. and YEYIOS, A.K.: Some Recent Results on the Modified SOR Theory, **154–156**:5

HAEMERS, WILLEM H.: *See* Arasu, K.T.: **153**:123

HALL, FRANK J.: *See* Bevis, Jean H.: **150**:267

HAMIDOUNE, YAHYA OULD: *See* da Silva, J.A. Dias: **141**:283

HAN, CHI-GEUN: *See* Pardalos, Panos, M.: **152**:69

HANKE, MARTIN, NEUMANN, MICHAEL, and NIETHAMMER, WILHELM: On the Spectrum of the SOR Operator for Symmetric Positive Definite Matrices, **154–156**:457

HANNAH, JOHN, and O'MEARA, K.C.: Products of Simultaneously Triangulable Idempotent Matrices, **149**:185

HANSEN, PER CHRISTIAN: Relations between SVD and GSVD of Discrete Regularization Problems in Standard and General Form, **141**:165

HARI, VJERAN: On Pairs of Almost Diagonal Matrices, **148**:193

HARTFIEL, D.J.: *See* Gonzalez, Raul Ernesto

HARTFIEL, D.J. and SENETA, E.: A Note on Semigroups of Regular Stochastic Matrices, **141**:47

HAYDEN, T.L., WELLS, JIM, LIU, WEI-MIN, and TARAZAGA, P.: The Cone of Distance Matrices, **144**:153

HEITMANN, RAYMOND and WIEGAND, ROGER: Direct Sums of Ideals, **157**:21

HENTZEL, IRVIN ROY and PERESI, LUIZ ANTONIO: Bernstein Algebras Given by Symmetric Bilinear Forms, **145**:213

HERSHKOWITZ, DANIEL: Peak Characteristic and Nonnegative Signature, **147**:55

HERSHKOWITZ, DANIEL: *See* Agha, Nader: **142**:113

HERSHKOWITZ, DANIEL: *See* Barrett, Wayne: **150**:463

HERZEL, STEFANO, RECCHIONI, MARIA CRISTINA, and ZIRILLI, FRANCESCO: A Quadratically Convergent Method for Linear Programming, **152**:255

HIGHAM, NICHOLAS J.: Review of *Matrix Computations* by G.H. Golub and C.F. Van Loan, **141**:289

HIRSCHBÜHL, RALF: Commutators in Classical Lie Algebras, **142**:91

HONG, YOOPYO: A Canonical Form Under φ-Equivalence, **147**:501

HONG, YOOPYO and HORN, ROGER A.: The Jordan Canonical Form of a Product of a Hermitian and a Positive Semidefinite Matrix, **147**:373

HORN, ROGER A.: *See* Bhatia, Rajendra: **147**:169

HORN, ROGER A.: *See* Hong, Yoopyo: **147**:373

HORN, ROGER A. and MATHIAS, ROY: Cauchy-Schwarz Inequalities Associated with Positive Semidefinite Matrices, **142**:63

HORN, ROGER A., LAFFEY, THOMAS, J. and MERRIS, RUSSELL L.: PREFACE: Matrix Canonical Forms, **147**:1

HOU, JINCHUAN: On Operator Inequalities and Linear Combinations of Operators, **153**:35

HUANG, WEN-CHAO: On the Singular Graph and Jordan Diagram of Strictly Lower Triangular Matrices and *M*-Matrices, **143**:145

HUSSIN, V., WINTERNITZ, P., and ZASSENHAUS, H.: Maximal Abelian Subalgebras of Complex Orthogonal Lie Algebras, **141**:183

IOCHUM, B.: *See* Ajupov, Sh.A.: **142**:83

IUSEM, ALFREDO N.: *See* De Pierro, Alvaro R.: **154–156**:601

JAFARIAN, A.A. and SOUROUR, A.R.: Continuity Properties of **Hyperlat** and Reducing Subspaces, **141**:253

JAIN, S.K.: *See* Gunawardena, Ananda R.: **154–156**:123

JAMES, DONALD G.: Generators for Orthogonal Groups of Unimodular Lattices, **157**:101

JAMES, DOUGLAS: Order-Reducing Conjugate Gradients versus Block AOR for Constrained Least-Squares Problems, **154–156**:23

JAMESON, ANTONY, KREINDLER, ELIEZER, and LANCASTER, PETER: Symmetric, Positive Semidefinite, and Positive Definite Real Solutions of $AX = XA^T$ and $AX = YB$, **160**:189

JANSEN, M.J.M.: *See* Jurg, A.P.: **141**:61

JARVIS, TYLER J.: A Dominant Negative Eigenvalue of a Matrix of Redheffer, **142**:141

JENSEN, D.R.: Vector Efficiency in Multiparameter Estimation, **151**:143

JI-CHENG, CHFN: *See* Ching, Li: **144**:171

JIANG, ZHI-MIN and SHAO, JIA-YU: On the Set of Indices of Convergence for Reducible Matrices, **148**:265

JIN, XIAO-QING: *See* Chan, Raymond H.: **149**:41

JÓDAR, LUCAS: Solving Algebraic and Differential Riccati Operator Equations, **144**:71

JOHNSON C.D.: *See* Zhu, J.: **147**:201

JOHNSON, C.R.: *See* Graves-Morris, P.R.: **142**:129

JOHNSON, C.R.: *See* Loewy, R.: **150**:139

JOHNSON, CHARLES R.: *See* Lundquist, Michael E.: **150**:195

JOHNSON, CHARLES R. and BRU, RAFAEL: The Spectral Radius of a Product of Nonnegative Matrices, **141**:227

JOHNSON, CHARLES R. and NYLEN, PETER: Monotonicity Properties of Norms, **148**:43

JOHNSON, CHARLES R. and SCHREINER, ERIK A.: Explicit Jordan Form for Certain Block Triangular Matrices, **150**:297

JUNGNICKEL, DIETER: *See* Arasu, K.T.: **153**:123

JURG, A.P., JANSEN, J.M., PARTHASARATHY, T., and TIJS, S.H.: On Weakly Completely Mixed Bimatrix Games, **141**:61

KAASHOEK, M.A.: *See* Gohberg, I.: **150**:157

KAILATH, T.: *See* Chun, J.: **151**:199

KAMEI, EIZABURO: *See* Fujii, Masatoshi: **149**:91

KAPORIN, I.E., KOLOTILINA, L.YU., and YEREMIN, A.YU: Block SSOR Preconditionings for High-Order 3D FE Systems. II. Incomplete BSSOR Preconditionings, **154–156**:647

KASZKUREWICZ, EUGENIUS: *See* Bhaya, Amit: **154–156**:487

KIM, K.H. and ROUSH, F.W.: Path Components of Matrices and Strong Shift Equivalence Over Q^+, **145**:177

KIM, K. and NAZARETH, J.L.: The Decomposition Principle and Algorithms for Linear Programming, **152**:119

KIRSTEIN, B.: *See* Apitzsch, W.: **141**:105

KITTANEH, FUAD: On Zero-Trace Matrices, **151**:119

KITTANEH, FUAD: *See* Bhatia, Rajendra: **147**:169

KLAFSZKY, EMIL and TERLAKY, TAMÁS: The Role of Pivoting in Proving Some Fundamental Theorems of Linear Algebra, **151**:97

KLINGLER, LEE: *See* Brewer, James: **157**:141, 147

KNYAZEV, A.V. and SKOROKHODOV, A.L.: On Exact Estimates of the Convergence Rate of the Steepest Ascent Method in the Symmetric Eigenvalue Problem, **154–156**:245

KOJIMA, MASAKAZU and MEGIDDO, NIMROD: The Relation Between the Path of Centers and Smale's Regularization of the Linear Programming Problem, **152**:135

KOLOTILINA, L.YU.: *See* Kaporin, I.E.: **154–156**:647

KONING, RUUD H, NEUDECKER, HEINZ, and WANSBEEK, TOM: Unbiased Estimation of Fourth-Order Matrix Moments, **160**:163

KONING, RUUD H., NEUDECKER, HEINZ, and WANSBEEK, TOM: Block Kronecker Products and the vecb Operator, **149**:165

KONTOVASILIS, KIMON, PLEMMONS, ROBERT J., and STEWART, WILLIAM J.: Block Cyclic SOR for Markov Chains with p-Cyclic Infinitesimal Generator, **154–156**:145

KORTANEK, K.O., POTRA, FLORIAN, and YE, YINYU: On Some Efficient Interior Point Methods for Nonlinear Convex Programming, **152**:169

KOVAČ-STRIKO, J. and VESELIĆ, K.: Some Remarks on the Spectra of Hermitian Matrices, **145**:221

KRAAIJEVANGER, J.F. B.M.: A Characterization of Lyapunov Diagonal Stability Using Hadamard Products, **151**:245

KRAUSE, G.: *See* Bhatia, R.: **142**:195

KREINDLER, ELIEZER: *See* Jameson, Antony: **160**:189

KUCHARZ, WOJCIECH: Simultaneous Diagonalization of an Algebraic Family of Matrices, **157**:49

LAFFEY, THOMAS J.: *See* Horn, Roger A.

LAFFEY, THOMAS J. and LAZARUS, SUSAN: Two-Generated Commutative Matrix Subalgebras, **147**:249

LAL, A.K.: *See* Bapat, R.B.: **149**:125

LAMBROU, M.S.: On the Rank of Operators in Reflexive Algebras, **142**:211

LANCASTER, P.: *See* Farid, F.O.: **143**:7

LANCASTER, PETER: *See* Jameson, Antony: **160**:189

LAZARUS, SUSAN: *See* Laffey, Thomas J.: **147**:249

LE BRUYN, L. and VAN DEN BERGH, M.: Algebraic Properties of Linear Cellular Automata, **157**:217

LEE, JON AND LEE, YEW SING: A Spectral Method for Concordant Polyhedral Faces, **159**:11

LEE, S.J. and NASHED, M.Z.: Normed Linear Relations: Domain Decomposability, Adjoint Subspaces, and Selections, **153**:135

LEE, YEW SING: *See* Lee, Jon: **159**:11

LEVY, LAWRENCE S.: Direct-Sum Cancellation of Submodule Systems, **157**:37

LEWKOWICZ, IZCHAK: *See* Cohen, Nir: **149**:227

LI SANTI, BARBARA A. and THOMPSON, ROBERT C.: Simultaneous Reduction of

a Complex Skew Matrix and a Hermitian Matrix, **147**:275

LI, CHI-KWONG: *See* Binding, Paul: **151**:157

LI, CHI-KWONG: Some Results on the Generalized k-Numerical Range, **146**:21

LI, CHI-KWONG and TSING, NAM-KIU: Duality Between Some Linear Preserver Problems. III. c-Spectral Norms and (Skew)-Symmetric Matrices With Fixed Singular Values, **143**:67

LI, CHI-KWONG and TSING, NAM-KIU: G-Invariant Norms and $G(c)$-Radii, **150**:179

LI, LUOLUO: Some Sufficient Conditions for the Solvability of Inverse Eigenvalue Problems, **148**:225

LI, WEN: The Relationship of a Regular Splitting to a Graph Compatible Splitting, **144**:101

LIEB, ELLIOTT H.: On the Spectral Radius of the Product of Matrix Exponentials, **141**:271

LIM, M.H.: Linear Maps on Symmetric Spaces: The Invariance of Nonzero Decomposable Elements, **148**:89

LIMAYE, BALMOHAN V.: A Spectral Characterization of Operators Having Rank k, **143**:57

LIMAYE, BALMOHAN V.: *See* Deguang, Han: **143**:1

LIN, WEN-WEI and CHEN, C.W.: An Acceleration Method for Computing the Generalized Eigenvalue Problem on a Parallel Computer, **146**:49

LINZER, ELLIOT and VETTERLI, MARTIN: Structure and Arithmetic Complexity of Products and Inverses of Toeplitz Matrices, **145**:159

LIU, WEI-MIN: *See* Hayden, T.L.: **144**:153

LOEWY, R., SHIER, D.R. and JOHNSON, C.R.: Perron Eigenvectors and the Symmetric Transportation Polytope, **150**:139

LONGHI, SAURO: *See* Grasselli, Osvaldo Maria: **158**:27

LUNDQUIST, MICHAEL E. and JOHNSON, CHARLES R.: Linearly Constrained Positive Definite Completions, **150**:195

LUSTIG, IRVIN J., MARSTEN, ROY E., and SHANNO, DAVID F.: Computational Experience with a Primal-Dual Interior Point Method for Linear Programming, **152**:191

MAGOLU, MONGA-MADE and NOTAY, YVAN: On the Conditioning Analysis of Block Approximate Factorization Methods, **154–156**:583

MAI, TSUN-ZEE: Composite Adaptive Procedure for Solving Large Sparse Linear Systems, **154–156**:509

MALLOL, CRISTIAN, MICALI, ARTIBANO, and OUATTARA, MOUSSA: Sur les Algèbres de Bernstein. IV., **158**:1

MALZAN, JERRY: *See* Ellers, Erich W.: **146**:121

MARCUS, MARVIN: Multilinear Methods in Linear Algebra, **150**:41

MAREK, IVO and SZYLD, DANIEL B.: Pseudoirreducible and Pseudoprimitive Bounded Operators, **154–156**:779

MARQUES, MARIA DA GRAÇA: Matrices With Prescribed Nonprincipal Blocks and the Trace Functions, **146**:1

MARSTEN, ROY E.: *See* Lustig, Irvin J.: **152**:191

MARTÍNEZ-LEGAZ, JUAN-ENRIQUE and SINGER, IVAN: Compatible Preorders and Linear Operators on R^n, **153**:53

MARTINS, M. MADALENA: A Note on the Convergence of the MSOR Method, **141**:223

MATHES, BEN, OMLADIČ, MATJAŽ, and RADJAVI, HEYDAR: Linear Spaces of Nilpotent Matrices, **149**:215

MATHIAS, ROY: The Equivalence of Two Partial Orders on a Convex Cone of Positive Semidefinite Matrices, **151**:27

MATHIAS, ROY: *See* Horn, Roger A.: **142**:63

MEGIDDO, NIMROD: *See* Kojima, Masakazu

MEHRMANN, VOLKER: *See* Ammar, Gregory: **149**:55

MEHROTRA, SANJAY: On Finding a Vertex Solution Using Interior Point Methods, **152**:233

MERIKOSKI, JORMA KAARLO: On c-Norms and c-Antinorms on Cones, **150**:315

MERRIS, RUSSELL: Almost All Trees Are Coimmanantal, **150**:61

MERRIS, RUSSELL L.: *See* Horn, Roger A.: **147**:1

MIAO, JIAN-MING: General Expressions for the Moore-Penrose Inverse of a 2 × 2 Block Matrix, **151**:1

MICALI, ARTIBANO: *See* Mallol, Cristian: **158**:1

MICALI, ARTIBANO and OUATTARA, MOUSSA: Dupliquée d'une Algèbre et le Théorème d'Etherington, **153**:193

MICHAEL, T.S.: The Structure Matrix and a Generalization of Ryser's Maximum Term Rank Formula, **145**:21

MIHAJLOV, N.: *See* Boros, T.: **147**:441

MIRONOVSKIJ, L.: *See* Boros, T.: **147**:441

MITRA, SUJIT KUMAR: Matrix Partial Orders Through Generalized Inverses: Unified Theory, **148**:237

MITRA, SUJIT KUMAR: *See* Baksalary, Jerzy K.: **149**:73

MIZUNO, SHINJI: $O(n^pL)$-Iteration and $O(n^3L)$-Operation Potential Reduction Algorithms for Linear Programming, **152**:155

MOHAN, S.R. and SRIDHAR, R.: On Characterizing *N*-Matrices Using Linear Complementarity, **160**:231

MORGAN, RONALD B.: Computing Interior Eigenvalues of Large Matrices, **154–156**:289

MOTA, FRANCISCO: *See* Byaya, Amit: **154–156**:487

NAJMAN, B. and YE, Q.: A Minimax Characterization for Eigenvalues of Hermitial Pencils, **144**:217

NARAYANAN, H.: The Principle Lattice of Partitions of *s* Submodular Function, **144**:179

NASHED, M.Z.: *See* Lee, S.J.: **153**:135

NAZARETH, J.L.: *See* Kim, K.: **152**:119

NEAL, LARRY: *See* Poole, George: **149**:249

NEUDECKER, HEINZ: *See* Koning, Ruud H.: **149**:165

NEUDECKER, HEINZ: *See* Koning, Ruud H.: **160**:163

NEUMANN, M. and WERNER, H.J.: Nonnegative Group Inverses, **151**:85

NEUMANN, M.: *See* Elsner, L.: **154–156**:313

NEUMANN, MICHAEL: *See* Hanke, Martin, **154–156**:457

NEWMAN, MORRIS, and THOMPSON, ROBERT C.: Matrices Over Rings of Algebraic Integers, **145**:1

NICHOLSON, W.K.: *See* Fuller, K.R.: **157**:195

NIETHAMMER, WILHELM: *See* Hanke, Martin: **154–156**:457

NIETHAMMER, WILHELM: *See* Starke, Gerhard: **154–156**:355

NIEUWENHUIS, J.W.: From Simple to Complicated: Noncausal Bounded Input, Bounded Output Stability in Linear Discrete Time Models in the Deterministic and Stochastic Cases, **141**:153

NOTAY, YVAN: Conditioning Analysis of Modified Block Incomplete Factorizations, **154–156**:711

NOTAY, YVAN: *See* Magolu, Monga-Made: **154–156**:583

NYLEN, PETER: *See* Johnson, Charles R.: **148**:43

NYLEN, PETER and TAM, TIN-YAU: Numerical Range of a Doubly Stochastic Matrix, **153**:161

O'LEARY, DIANNE P.: Yet Another Polynomial Preconditioner for the Conjugate Gradient Algorithm, **154–156**:377

O'MEARA, K.C.: *See* Hannah, John: **149**:185

ÖZGULER, A.BÜLENT AND AKAR, NAIL: A Common Solution to a Pair of Linear Matrix Equations Over a Principle Ideal Domain, **144**:85

OBERT, DAVID G.: The Angle Between Two Cones, **144**:63

OKUBO, K.: *See* Ando, T.: **147**:181

OLECH, C., PARTHASARATHY, T., and RAVINDRAN, G.: Almost *N*-Matrices and Linear Complementarity, **145**:107

OMLADIČ, MATJAŽ: *See* Mathes, Ben: **149**:215

OMLADIČ, MATJAŽ and ŠEMRL, PETER: Spectrum-Preserving Additive Maps, **153**:67

ONG, SING-CHEONG: On Equality of Invariant Subspace Lattices of Operators, **144**:23

OSAKA, H.: Indecomposable Positive Maps in Low Dimensional Matrix Algebras, **153**:73

OUATTARA, MOUSSA: Sur les Algèbres de Bernstein d'Ordre 2, **144**:29

OUATTARA, MOUSSA: Sur les Algèbres de Bernstein qui sont des T-Algèbres, **148**:171

OUATTARA, MOUSSA: Sur les T-Algèbres de Jordan, **144**:11

OUATTARA, MOUSSA: *See* Mallol, Cristian: **158**:1

OUATTARA, MOUSSA: *See* Micali, Artibano: **153**:193

PAARDEKOOPER, M.H.C.: A Quadratically Convergent Parallel Jacobi Process for Diagonally Dominant Matrices With Nondistinct Eigenvalues, **145**:71

PALACIOS, JOSÉ LUIS: Bounds on Expected Hitting Times for a Random Walk on a Connected Graph, **141**:241

PALDI, EYTAN, PALDI, HEDI TAUB, and GUTMAN, SHAUL: The Intersection of Regions and Root Clustering, **149**:151

PALDI, HEDI TAUB: *See* Paldi, Eytan: **149**:151

PARDALOS, PANOS M.: *See* Ye, Yinyu: **152**:3

PARDALOS, PANOS M., YE, YINYU, and HAN, CHI-GEUN: Algorithms for the Solution of Quadratic Knapsack Problems, **152**:69

PARTHASARATHY, T.: *See* Jurg, A.P.: **141**:61

PARTHASARATHY, T.: *See* Olech, C.: **145**:107

PATERA, J. and ZASSENHAUS, H.: Solvable Lie Algebras of Dimension $\leqslant 4$ Over Perfect Fields, **142**:1

PERDON, ANNA MARIA: *See* Wyman, Bostwick, F.: **157**:113

PERESI, LUIZ ANTONIO: *See* Hentzel, Irvin Roy: **145**:213

PERIS, JOSEP, E.: A New Characterization of Inverse-Positive Matrices, **154–156**:45

PHILLIPS, DENNIS: Resolvent Bounds and Spectral Variation, **149**:35

PIERCE, DONALD: Range Decompositions and Generalized Square Roots of Positive Semidefinite Matrices, **145**:201

PIERCE, STEPHEN: *See* Grone, Robert: **134**:63

PIERCE, STEVE: *See* Grone, Bob: **150**:107

PLEMMONS, ROBERT J.: *See* Kontovasilis, Kimon: **154–156**:145

POLAND, J.C.: *See* Dixon, J.D.: **142**:159

POOLE, GEORGE and NEAL, LARRY: REPORT: A Geometric Analysis of Gaussian Elimination, I., **149**:249

PORTA, H.: *See* Corach, G.: **142**:153

POTRA, FLORIAN: *See* Kortanek, K.O.: **152**:169

POTT, ALEXANDER: *See* Arasu, K.T.: **153**:123

PRASAD, K. MANJUNATHA, RAO, K.P.S. BHASKARA, and BAPAT, R.B.: Generalized Inverses Over Integral Domains. II. Group Inverses and Drazin Inverses, **146**:31

PRAUTZSCH, HARTMUT: Linear Subdivision, **143**:223

PRESSMAN, I.S.: *See* Dixon, J.D.: **142**:159

PUCHMANN, HEINRICH: Weitere unzulässige Abwandlungen der Vermutung von Wilkinson, **141**:75

PUKELSHEIM, FRIEDRICH: *See* Baksalary, Jerzy K.: **151**:135

PULLMAN, N.J.: *See* Beasley, LeRoy: **160**:217

PULLMAN, NORMAN J.: *See* Beasley, LeRoy B.: **146**:7

PUNTANEN, SIMO: *See* Baksalary, Jerzy K.: **142**:121

PUYSTJENS, R.: *See* Gouveia, M.C.: **150**:361

RADJABALIPOUR, M.: *See* Dehghan, M.A.: **148**:19

RADJAVI, HEYDAR: *See* Mathes, Ben: **149**:215

RAKOWSKI, MAREK: *See* Ball, Joseph A.: **159**:81

RANDALL, JOHN H.: Review of *Linear Least Squares Computations* by R.W. Farebrother, **153**:219

RAO, K.P.S. BHASKARA: Generalized Inverses With Respect to General Norms. II, **148**:13

RAO, K.P.S. BHASKARA: *See* Prasad, K. Manjunatha: **146**:31

RAVINDRAN, G.: *See* Olech, C.: **145**:107

RECCHIONI, MARIA CRISTINA: *See* Herzel, Stefano: **152**:255

RECHT, L.: *See* Corach, G.: **142**:153

REICHEL, LOTHAR: The Application of Leja Points to Richardson Iteration and Polynomial Preconditioning, **154–156**:389

REICHSTEIN, BORIS: On Waring's Problem for Cubic Forms, **160**:1

RIBES, L.: *See* Dixon, J.D.: **142**:159

RICHTER, R. BRUCE and WARDLAW, WILLIAM P.: The Smallest Matrix of Given Period and Primitive Roots of Unity, **160**:87

RINGEL, CLAUS MICHAEL: *See* Dlab, Vlastimil

RÓZSA, P.: *See* Boros, T.: **147**:441

RÓZSA, PÁL, BEVILACQUA, ROBERTO, ROMANI, FRANCESCO, and FAVATI, PAOLA: On Band Matrices and Their Inverses, **150**:287

ROBINSON, DONALD: *See* Barrett, Wayne: **150**:463

ROBINSON, DONALD W.: The Primary Decomposition of a Set of Matrices, **147**:45

RODMAN, LEIBA: *See* Bru, Rafael: **150**:209

ROESLER, FRIEDRICH: Riemann's Hypothesis as an Eigenvalue Problem. III., **141**:1

ROGERS, JANET E.: *See* Domich, Paul. D.: **152**:315

ROMANI, FRANCESCO: *See* Rózsa, Pál: **150**:287

RONG-FU, ZHOU: *See* Feng, Jiang: **158**:61

ROOS, C.: *See* den Hertog, D.: **152**:43

ROUSH, F.W.: *See* Kim, K.H.: **145**:177

RUMP, S.M.: Estimation of the Sensitivity of Linear and Nonlinear Algebraic Problems, **153**:1

RYAN, JENNIFER: Decomposing Finitely Generated Integral Monoids by Elimination, **153**:209

ŠEMRL, PETER: *See* Omladič, Matjaž: **153**:67

SAAD, YOUCEF: *See* Datta, Biswa Nath: **154–156**:225

SAIN, MICHAEL K.: *See* Wyman, Bostwick, F.: **157**:113

SANTOS, NEWTON R.: Applying the JII, JII-SI, and CG Methods to Two Classes of Linear Problems, **158**:99

SAYLOR, PAUL E. and SMOLARSKI, DENNIS C.: Implementation of an Adaptive Algorithm for Richardson's Method, **154–156**:615

SCHERER, CARSTEN: The Solution Set of the Algebraic Riccati Equation and the Algebraic Riccati Inequality, **153**:99

SCHIPP, BERNHARD: *See* Baksalary, Jerzy K.: **160**:119

SCHNEIDER, HANS: *See* Bru, Rafael: **150**:209

SCHREINER, ERIK A.: *See* Johnson, Charles R.: **150**:297

SCULLY, DANIEL J.: Maximal Rank-One Spaces of Matrices Over Chain Semirings. I. u-Spaces, **150**:67

SEMAL, PIERRE: Iterative Algorithms for Large Stochastic Matrices, **154–156**:65

SENETA, E.: *See* Hartfiel, D.J.: **141**:47

SEO, JIN H.: *See* Emre, Erol: **141**:79

SHANNO, DAVID F.: *See* Lustig, Irvin J.: **152**:191

SHAO, JIA-YU: Bounds on the kth Eigenvalues of Trees and Forests, **149**:19

SHAO, JIA-YU: *See* Jiang, Zhi-min: **148**:265

SHAPIRO, HELENE: A Survey of Canonical Forms and Invariants for Unitary Similarity, **147**:101

SHIER, D.R.: *See* Loewy, R.: **150**:139

SILVA, FERNANDO C.: Matrices With Nonzero Entries, **146**:111

SILVA, FERNANDO C.: Matrices With Prescribed Eigenvalues and Blocks, **148**:59

SILVA, FERNANDO C.: *See* Cabral, Isabel: **159**:43

SINGER, IVAN: *See* Martínez-Legaz, Juan-Enrique: **153**:53

SINGH, SURJEET and AL-ZAID, HASSAN: On a Canonical Form for Recurring Sequences, **157**:185

SINKHORN, RICHARD: Concerning Hypernormal Stochastic Matrices, **141**:275

SKOROKHODOV, A.L.: *See* Knyazev, A.V.: **154–156**:245

SMOLARSKI, DENNIS C.: *See* Saylor, Paul E.: **154–156**:615

SNYDER, LARRY: *See* Gunawardena, Ananda D.: **154–156**:123

SNYDERS, JAKOV: *See* Vardy, Alexander: **142**:237

SODUPE, MARIA JOSÉ: *See* de Sá, Eduardo Marques: **148**:179

SOH, C.B.: Necessary and Sufficient Conditions for Interval Polynomials to Have Only Real Distinct Roots, **144**:121

SONG, SEOK-ZUN: Minimum Permanents on Certain Doubly Stochastic Matrices, **143**:49

SONG, YONGZHONG: Comparisons of Nonnegative Splitting of Matrices, **154–156**:433

SOULES, GEORGE W.: The Rate of Convergence of Sinkhorn Balancing, **150**:3

SOUROUR, A.R.: *See* Jafarian, A.A.: **141**:253
SRIDHAR, R.: *See* Mohan, S.R.: **160**:231
STARKE, GERHARD and NIETHAMMER, WILHELM: SOR for $AX - XB = C$, **154–156**:355
STERN, RONALD J. and WOLKOWICZ, HENRY: A Note on Generalized Invariant Cones and the Kronecker Canonical Form, **147**:97
STERN, RONALD J. and WOLKOWICZ, HENRY: Invariant Ellipsoidal Cones, **150**:81
STEWART, WILLIAM J.: *See* Kontovasilis, Kimon: **154–156**:145
STICKEL, EBERHARD U.: Separating Eigenvalues Using the Matrix Sign Function, **148**:75
STRAKOŠ, Z.: On the Real Convergence Rate of the Conjugate Gradient Method, **154–156**:535
STRIKWERDA, JOHN, C. and WADE, BRUCE A.: Cesàro Means and the Kreiss Matrix Theorem, **145**:89
STRUPPA, DANIELE C.: *See* Berenstein, Carlos A.: **157**:203
STUART, JEFFREY L.: The Partial Order Graph for a *ZME*-Matrix, **141**:123
STUART, JEFFREY L. and WEAVER, JAMES R.: Matrices That Commute With a Permutation Matrix, **150**:255
SUN, JI-GUANG: Perturbation Expansions for Invariant Subspaces, **153**:85
SZYLD, DANIEL B.: *See* Marek, Ivo: **154–156**:779

TAI, HENG-MING: *See* Emre, Erol: **141**:79
TAKANE, M.: *See* De La Peña: **160**:175
TAM, TIN-YAU: *See* Nylen, Peter: **153**:161
TAPIA, R.A. and ZHANG, YIN: An Optimal-Basis Identification Technique for Interior-Point Linear Programming Algorithms, **152**:343
TARAZAGA, P.: *See* Hayden, T.L.: **144**:153
TARAZAGA, PABLO: More Estimates for Eigenvalues and Singular Values, **149**:97
TAUSSKY, OLGA and TODD, JOHN: Another Look at a Matrix of Mark Kac, **150**:341
TERLAKY, T.: *See* den Hertog, D.: **152**:43
TERLAKY, TAMÁS: *See* Klafszky, Emil: **151**:97
THIJSSE, G.PH.A.: *See* Bart, H.: **147**:17
THOMPSON, ROBERT C.: Pencils of Complex and Real Symmetric and Skew Matrices, **147**:323
THOMPSON, ROBERT C.: *See* Li Santi, Barbara A.: **147**:275
THOMPSON, ROBERT C.: *See* Newman, Morris: **145**:1
TIJS, S.H.: *See* Jurg, A.P.: **141**:61
TISMENETSKY, M.: A New Preconditioning Technique for Solving Large Sparse Linear Systems, **154–156**:331
TISMENETSKY, MIRON: A Decomposition of Toeplitz Matrices and Optimal Circulant Preconditioning, **154–156**:105
TODD, JOHN: *See* Taussky, Olga: **150**:341
TODD, MICHAEL J.: The Affine-Scaling Direction for Linear Programming Is a Limit of Projective-Scaling Directions, **152**:93
TOINT, PH.L.: *See* Bierlaire, M.: **143**:111
TRENCH, WILLIAM F.: Numerical Solution of the Eigenvalue Problem for Efficiently Structured Hermitian Matrices, **154–156**:415
TRENKLER, GÖTZ: *See* Baksalary, Jerzy K.: **151**:169
TRENKLER, GÖTZ: *See* Baksalary, Jerzy K.: **160**:119
TROUY, ELIZABETH C.: *See* Campbell, James T.: **157**:175
TSING, NAM-KIU: *See* Li, Chi-Kwong: **143**:67
TSING, NAM-KIU: *See* Li, Chi-Kwong: **150**:179
TURNER, KATHRYN: Computing Projections for the Karmarkar Algorithm, **152**:141
TUYTTENS, D.: *See* Bierlaire, M.: **143**:111
TYRTYSHNIKOV, EVGENJI, E.: Cauchy-Toeplitz Matrices and Some Applications, **149**:1

VÄLIAHO, H.: A Polynomial-Time Test for *M*-matrices, **153**:183
VAN AT, PHAM: Diagonal Transformation Methods for Computing the Maximal Eigenvalue and Eigenvector of a Nonnegative Irreducible Matrix, **148**:93
VAN DER WOUDE, J.W.: On the Structure at Infinity of a Structured System, **148**:145
VAN DER VORST, H.A.: *See* Vuik, C.: **160**:131

VAN HUFFEL, SABINE: Iterative Algorithms for Computing the Singular Subspace of a Matrix Associated With Its Smallest Singular Values, **154–156**:675

VAN DEN BERGH: *See* Le Bruyn, L.: **157**:217

VANDERBEI, ROBERT J.: Splitting Dense Columns in Sparse Linear Systems, **152**:107

VARDY, ALEXANDER, SNYDERS, JAKOV, and BE'ERY, YAIR: Bounds on the Dimension of Codes and Subcodes with Prescribed Contraction Index, **142**:237

VASERSTEIN, L.N. and WHELAND, E.: Commutators and Companion Matrices over Rings of Stable Rank 1, **142**:263

VAVŘÍN, ZDENĚK: A Unified Approach to Loewner and Hankel Matrices, **143**:171

VEMMER, B.: *See* Elsner, L.: **154–156**:313

VESELIĆ, K.: *See* Kovač-Striko, J.: **145**:221

VETTERLI, MARTIN: *See* Linzer, Elliot: **145**:159

VON ZUR GATHEN, JOACHIM: Maximal Bilinear Complexity and Codes, **144**:49

VUIK, C. and VAN DER VORST, H.A.: A Comparison of Some GMRES-like Methods, **160**:131

WADE, BRUCE A.: *See* Strikwerda, John C.: **145**:89

WANG, BOYING and ZHANG, FUZHEN: Some Inequalities for the Eigenvalues of the Product of Positive Semidefinite Hermitian Matrices, **160**:113

WANG, JIN-HSIEN and WU, PEI YUAN: Products of Unipotent Matrices of Index 2, **149**:111

WANSBEEK, TOM: *See* Koning, Ruud H.: **149**:165

WANSBEEK, TOM: *See* Koning, Ruud H.: **160**:163

WANYI, CHEN: Stabilizability, Controllability, and Observability of Linear Continuous-time Systems Defined Over a Commutative Banach* Algebra, **144**:1

WARDLAW, WILLIAM P.: *See* Richter, R. Bruce: **160**:87

WARREN, RICHARD H.: Revisiting the 0,1 Assignment Problem, **160**:247

WATERHOUSE, WILLIAM C.: Classifying Nonsingular Quadratic Forms of Rank Three, **142**:55

WATKINS, D.S. and ELSNER, L.: Convergence of Algorithms of Decomposition Type for the Eigenvalue Problem, **143**:19

WATKINS, WILLIAM: *See* Grone, Robert: **134**:63

WATTERS, J.F.: *See* Fuller, K.R.: **157**:195

WEAVER, JAMES R.: *See* Stuart, Jeffrey L.: **150**:255

WEI, MUSHENG: Perturbation of the Least Squares Problem, **141**:177

WELLS, JIM: *See* Hayden, T.L.: **144**:153

WERNER, H.J.: *See* Neumann, M.: **151**:85

WERNER, HANS JOACHIM: Some Further Results on Matrix Monotonicity, **150**:371

WHELAND, E.: *See* Vaserstein, L.N.: **142**:263

WIEGAND, ROGER: *See* Heitmann, Raymond: **157**:21

WIMMER, H.K.: *See* Bart, H.: **150**:443

WIMMER, HARALD K.: Normal Forms of Symplectic Pencils and the Discrete-Time Algebraic Riccati Equation, **147**:411

WINTERNITZ, P.: *See* Hussin, V., **141**:183

WITZGALL, CHRISTOPH: *See* Domich, Paul D.: **152**:315

WOERDEMAN, H.J.: *See* Gohberg, I.: **150**:157

WOLKOWICZ, HENRY: *See* Stern, Ronald J.: **147**:97

WOLKOWICZ, HENRY: *See* Stern, Ronald J.: **150**:81

WU, PEI YUAN: Sums of Idempotent Matrices, **142**:43

WU, PEI YUAN: *See* Wang, Jin-Hsien: **149**:111

WYMAN, BOSTWICK F., SAIN, MICHAEL K., CONTE, GIUSEPPE, and PERDON, ANNA MARIA: Poles and Zeros of Matrices of Rational Functions, **157**:113

XING-PING, LIU: Convergence of Preconditioned Iterative Methods, **146**:93

YADGOROV, N.DZ.: *See* Ajupov, Sh.A.: **142**:83

YE, Q.: *See* Najman, B.: **144**:217

YE, YINYU: *See* Kortanek, K.O.: **152**:169

YE, YINYU: *See* Pardalos, Panos M.: **152**:69

YE, YINYU and PARDALOS, PANOS M.: A Class of Linear Complementarity Problems Solvable in Polynomial Time, **152**:3
YEUNG, MAN-CHUNG: *See* Chan, Raymond H.: **149**:41
YEYIOS, A.K.: *See* Hadjidimos, A.: **154–156**:5

ZASSENHAUS, H.: Maximal Abelian Subalgebras of Complex Orthogonal Lie Algebras, **141**:183
ZASSENHAUS, H.: *See* Patera, J.: **142**:1
ZENIOS, STAVROS A.: *See* Censor, Yair: **150**:393
ZHA, HONGYUAN: *See* De Moor, Bart: **147**:469
ZHANG, FUZHEN: *See* Wang, Boying: **160**:113
ZHANG, MOU-CHENG: On the Maximal Subgroup of the Semigroup of Generalized Circulant Boolean Matrices, **151**:229
ZHANG, YIN: *See* Tapia, R.A.: **152**:343
ZHONG, XU: An Algorithm for the Inversion of Quasi-Hessenberg Matrices, **144**:39
ZHU, J. and JOHNSON, C.D.: Unified Canonical Forms for Matrices Over a Differential Ring, **147**:201
ZIRILLI, FRANCESCO: *See* Herzel, Stefano: **152**:255